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(54) Title: **INSULIN RELEASING PEPTIDES**

(57) Abstract: The present invention relates to peptides, or fragments thereof, as stimulators of insulin secretion and pancreatic beta cell function, the, or each, peptide having at least 80%, preferably at least 85%, more preferably at least 90%, optionally more than 95%, sequence identity based on the ClustalW alignment method with the respective amino acid sequences of SEQ ID Nos. 1 to 17. The invention also includes peptides selected from the group comprising brevinins, dermaseptins and esculentins for stimulating insulin secretion by activation of physiological stimulus-secretion coupling pathways. These peptides are useful to stimulate insulin secretion and/or moderate blood glucose excursions. These peptides may be used for treatment of type 1 or type 2 diabetes mellitus.



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